**Conclusions**

1. The following points were concluded on the basis of the best desalter efficiency at a crude oil flow rates in the range of 70-200 m3/hr:
2. The optimum results of salt and water removal was at the temperature of 125oC.
3. The optimum injected concentration of the **Embreak2W157D** was 20 ppm for salt & water removal.
4. The highest efficiency for salt and water removal was at differential pressure (Δp) of 1.3 bar.
5. The best ratio of wash water injection to desalter unit for optimum salt and impurities removal from the crude oil was found to be 6m3/hr.
6. It was found that the electrical voltage value of 23 KV gives the optimum collection of water drops.
7. The overhead system corrosion was due to the hydrogen chloride dissolved in Khurmele crude oil passed through bad desalting process to downstream of the desalter unit.

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